

Message Text

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PAGE 01 IAEA V 01951 120951Z

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TAGS: AORG, OCON, IAEA, TECH, PARM

SUBJECT: IAEA CONSULTANTS MEETING ON SAFEGUARDS INSTRUMENTATION

INSTALLED AT IRRADIATED FUEL REPROCESSING FACILITIES,
VIENNA, MAY 10-14, 1976

1. MISSION HAS RECEIVED AGENCY LETTER NOTING PLANS
TO CONVENE SUBJECT MEETING TO FORMULATE SCOPE AND
DEFINITIVE CONTENT OF RESEARCH COORDINATION PROGRAM
ON SAFEGUARDS INSTRUMENTATION INSTALLED AT
IRRADIATED FUEL REPROCESSING FACILITIES.

2. AGENCY REQUESTS U.S. NOMINATE TWO EXPERTS:
ONE WITH EXTENSIVE PLANT OPERATING EXPERIENCE IN
USE OF EQUIPMENT AND INSTRUMENTATION FOR ACCOUNTABILITY
MEASUREMENT OF FEED, PRODUCT AND WASTE BY MASS,
VOLUME, DESTRUCTIVE OR NON-DESTRUCTIVE ASSAY
TECHNIQUES; OF LESS IMPORTANCE BUT ALSO OF INTEREST
IS POSSIBLE APPLICATION OF OPTICAL SURVEILLANCE,
SENSORS, DETECTORS, MONITORS, ETC., TO PROVIDE
INFORMATION FOR SAFEGUARDS ON IDENTIFICATION AND
COMPLETENESS OF FLOW OF NUCLEAR MATERIALS. SECOND
EXPERT SHOULD BE KNOWLEDGEABLE IN DOMESTIC SAFEGUARDS
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PAGE 02 IAEA V 01951 120951Z

REQUIREMENTS FOR MEASUREMENTS OF NUCLEAR MATERIALS,

SUCH AS INSTRUMENT AND EQUIPMENT SPECIFICATIONS, LIMITS OF ERROR ON MATERIAL UNACCOUNTED FOR IN RELATION TO SPECIFIC MEASUREMENT SYSTEMS, STANDARDS AND CALIBRATION PROGRAMS, IDENTIFICATION AND CONTROL OF MEASUREMENT ERRORS. AGENCY OFFERS PROVIDE TRAVEL AND PER DIEM EXPENSES FOR ONE EXPERT AND REQUESTS SECOND EXPERT ON COST-FREE BASIS. FYI: MISSION BELIEVES THIS IS AN IMPORTANT MEETING FROM STANDPOINT OF U.S. INTERESTS IN STRENGTHENING IAEA SAFEGUARDS IN CRITICAL AREA OF CHEMICAL REPROCESSING. ACCORDINGLY, WE URGE THAT CAREFUL ATTENTION BE GIVEN TO SELECTING SUITABLE EXPERTS TO ATTEND FROM U.S. IN DISCUSSING PLANS FOR THIS MEETING ON PRELIMINARY BASIS WITH AGENCY, WE DELIBERATELY URGED AGENCY STAFF CONCERNED NOT TO IDENTIFY SPECIFIC INDIVIDUALS THEY MIGHT WANT TO ATTEND THE MEETING, IN ORDER TO LEAVE WASHINGTON AGENCIES CONCERNED A FREE HAND TO SELECT THE MOST APPROPRIATE PERSONS ON THE BASIS OF THE SUBSTANCE TO BE DEALT WITH. AGENCY HAS COMPLIED WITH THIS SUGGESTION. MISSION IS AWARE THAT THERE ARE SEVERAL PERSONS IN U.S. WHO HAVE THE BACKGROUND AND EXPERIENCE NECESSARY TO UNDERTAKE THESE ASSIGNMENTS. TWO THAT WE ARE AWARE OF ARE GARY OLEN, WHO HAS BEEN ASSOCIATED WITH BARNELL PLANT, AND EVERETT SHELDON AT SAVANNAH RIVER LABORATORY. IN ANY EVENT, CHOICE OF EXPERTS IS UP TO WASHINGTON AGENCIES CONCERNED, AND WE LOOK FORWARD TO RECEIVING U.S. NOMINATIONS IN DUE COURSE. NEEDLESS TO SAY, WE STRONGLY FAVOR PROVIDING ONE EXPERT ON COST-FREE BASIS, AS REQUESTED. END FYI.

3. COPY OF AGENCY LETTER POUCHES AMMONS/ERDA.
ADVISE AM STONE

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